



US 20130346946A1

(19) **United States**(12) **Patent Application Publication**  
**Pinnix**(10) **Pub. No.: US 2013/0346946 A1**(43) **Pub. Date: Dec. 26, 2013**(54) **SYSTEM FOR HOSTED, SHARED, SOURCE  
CONTROL BUILD**(52) **U.S. Cl.**  
USPC ..... 717/124; 717/140(75) Inventor: **Justin Everett Pinnix**, Raleigh, NC  
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Redmond, WA (US)(21) Appl. No.: **13/529,856**(22) Filed: **Jun. 21, 2012****Publication Classification**(51) **Int. Cl.**  
**G06F 9/45** (2006.01)  
**G06F 9/445** (2006.01)  
**G06F 9/44** (2006.01)  
**G06F 9/455** (2006.01)  
**G06F 15/16** (2006.01)(57) **ABSTRACT**

Compiling source code to provide an executable code build. The method includes configuring a pool of substantially identical virtual machines in a distributed cloud computing environment. Configuring may include configuring virtual machines to have generic code compiling functionality. The method further includes determining that source code for a particular user should be compiled. As a result, the method includes selecting a virtual machine from the pool of substantially identical virtual machines and configuring the selected virtual machine in a way that is specific to the user. Source code for the user is retrieved from a source control system deployed in the distributed computing environment. Using the virtual machine configured in the way specific to the user, the user's retrieved source code is compiled to compiled code. After compiling is completed, the configured virtual machine is restored to a generic form.

